



# Flathead Lake Water Level Update 7.24.23



# ENERGY KEEPERS, INC.

A CORPORATION OF THE CONFEDERATED SALISH & KOOTENAI TRIBES

Brian Lipscomb – CEO of Energy Keepers Inc.

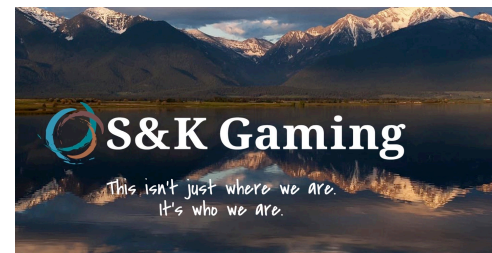
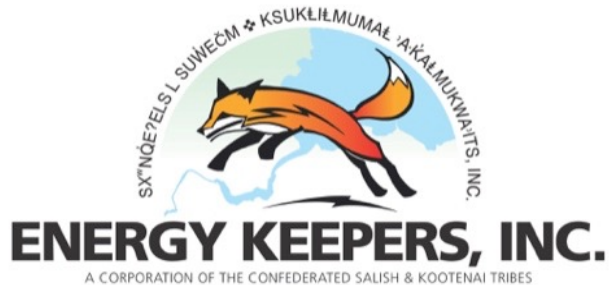
- Tribal Member
- St. Ignatius Native
- MSU Graduate in Civil Engineering
- 30 Years Working In Hydroelectric Arena







**Confederated Salish & Kootenai Tribes**  
*of the Flathead Reservation*

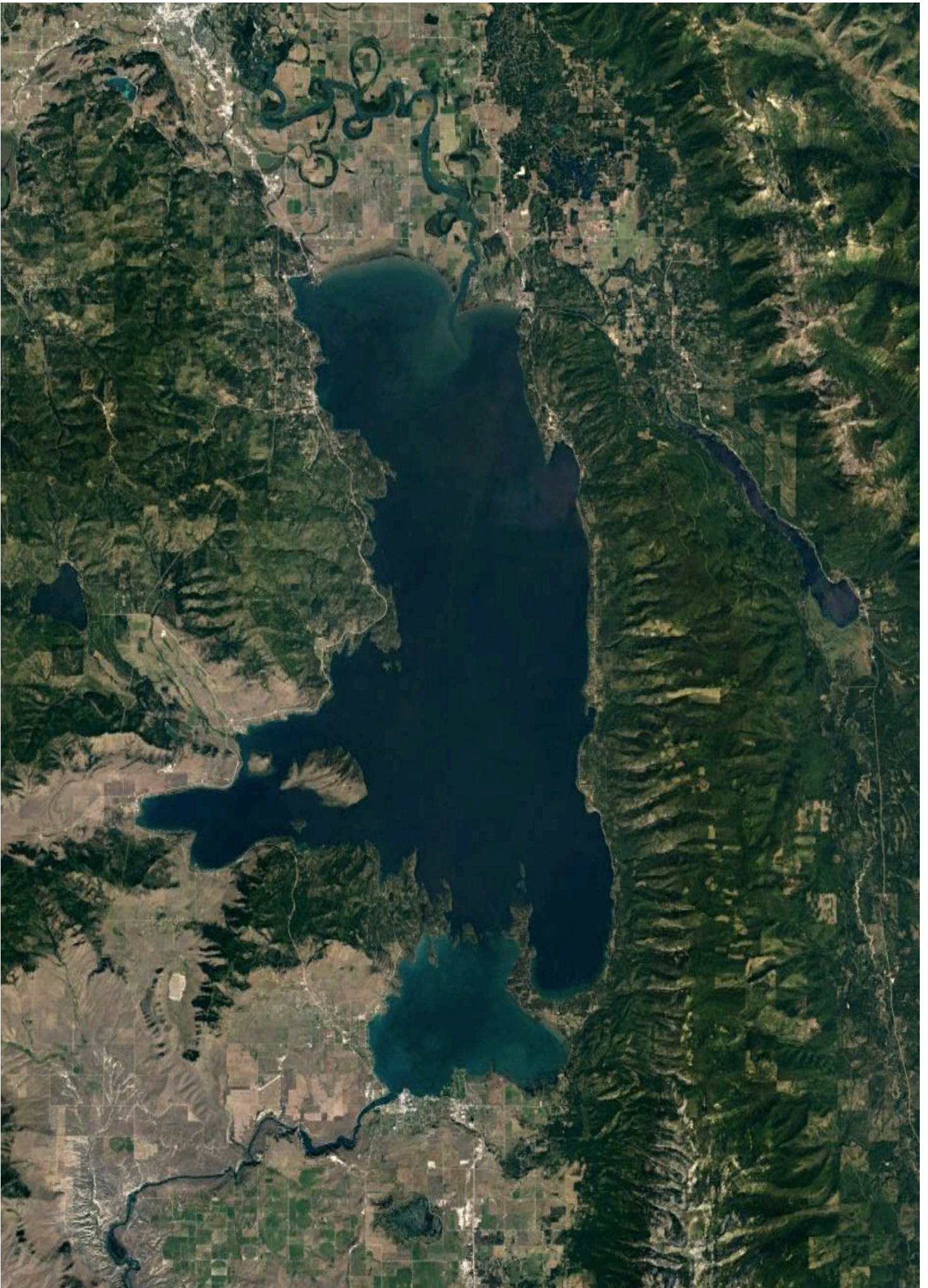






The Seli's Ksanka Qlispe' Dam located on CSKT land 6 miles downstream of Flathead Lake the largest natural freshwater lake in the west. It is a 200-foot high, 381-foot-long concrete arch dam combined with a 1.2-million-acre foot storage reservoir in the top ten feet of Flathead Lake. Its powerhouse has a maximum generation capacity of 208 megawatts and an annual average production of 1.1 million megawatt hours of electricity. It is managed as part of the Columbia River basin flood control system.















# SKQ Controls Top 10' of Flathead Lake – 1.2 MAF



## Typical EKI Operation:

- Strive for 2883' Min Pool – April 15
- 2890' – Memorial Weekend
- Full Pool 2893' – June 15
- Top Foot 2893' – 2892' - Labor Day
- Minus 2' by Oct 31 – 2891'
- No less than 2888' Dec 31



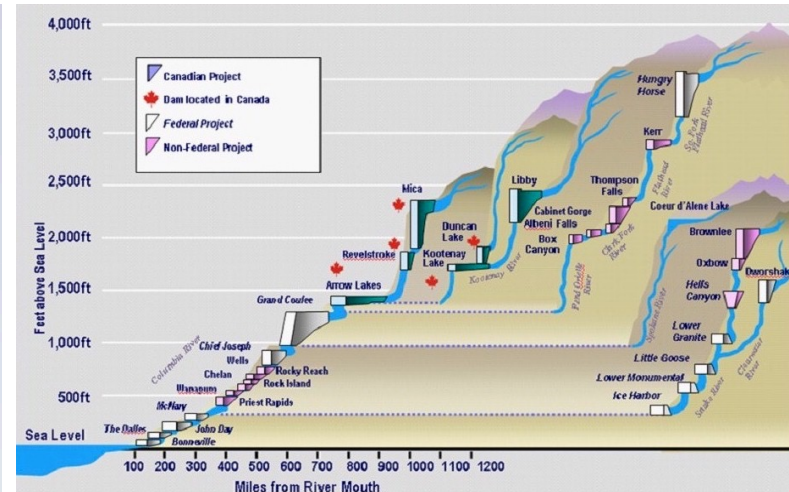


# SKQ Controls Lower Flathead River

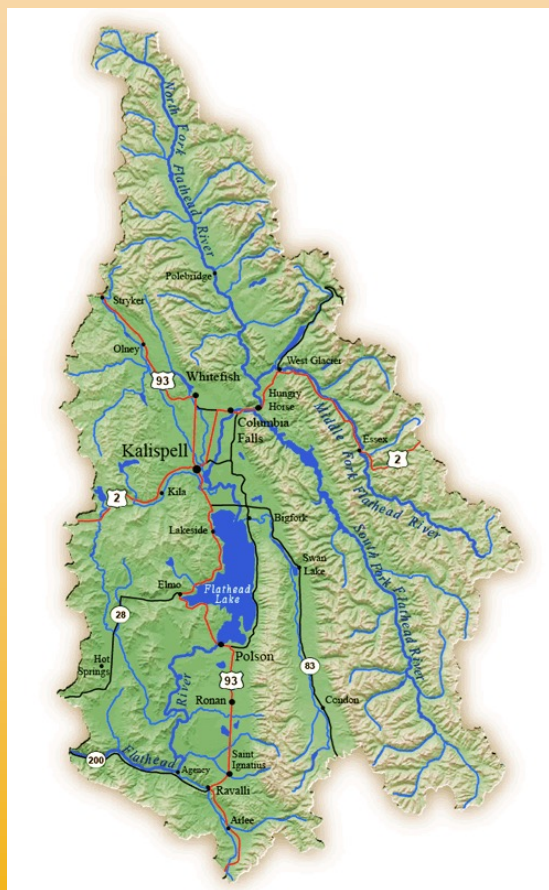
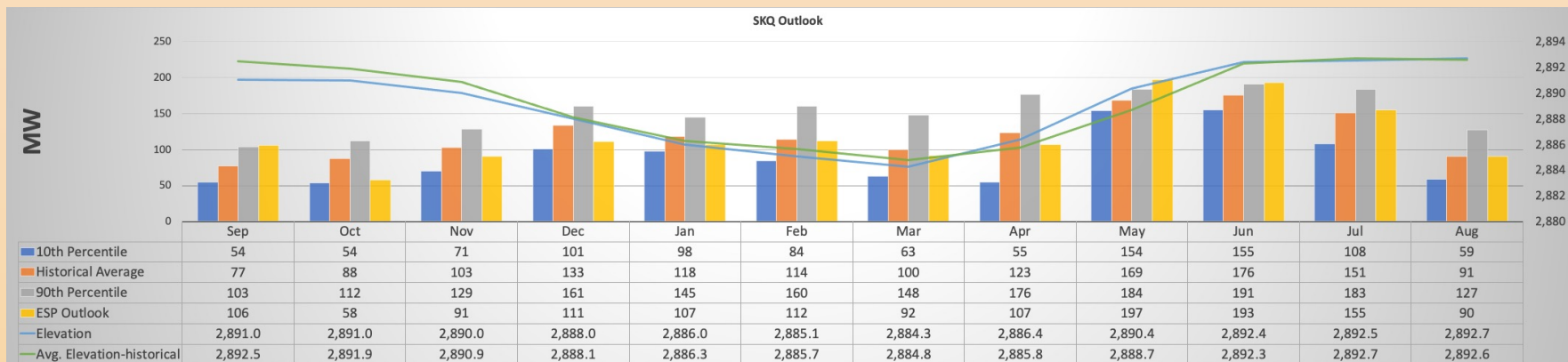
74 River Miles to Confluence with Clark Fork River



# Kerr is a part of the Columbia Hydroelectric Resource Base







FLATHEAD - SELI'S KSANKA QLISPE' DAM Forecasts For Water Year 2023						
<b>Official Water Supply</b> ESP with 10 days QPF Ensemble: 2023-07-21 Issued: 2023-07-21						
Forecast Period	Forecasts Are in KAF				Obs Runoff (2023-07-23)	30 Year Average (1991-2020)
	90 %	50 %	% Average	10 %		
OCT					137	240
NOV					153	329
DEC					184	258
JAN					187	245
FEB					149	238
MAR					139	391
APR					504	947
MAY					2498	2253
JUN					856	2117
JUL	257	257	31	257	205*	819
AUG	145	147	57	151		259
SEP	121	125	69	154		181

Move the mouse over the desired "Forecast Table" to update graph.  
\* Partial Monthly Total

[CSV Download](#)
[ESP10](#)
[Forecast Ensemble](#)

☐ 7 days ☒ 30 days ☐ 1 year

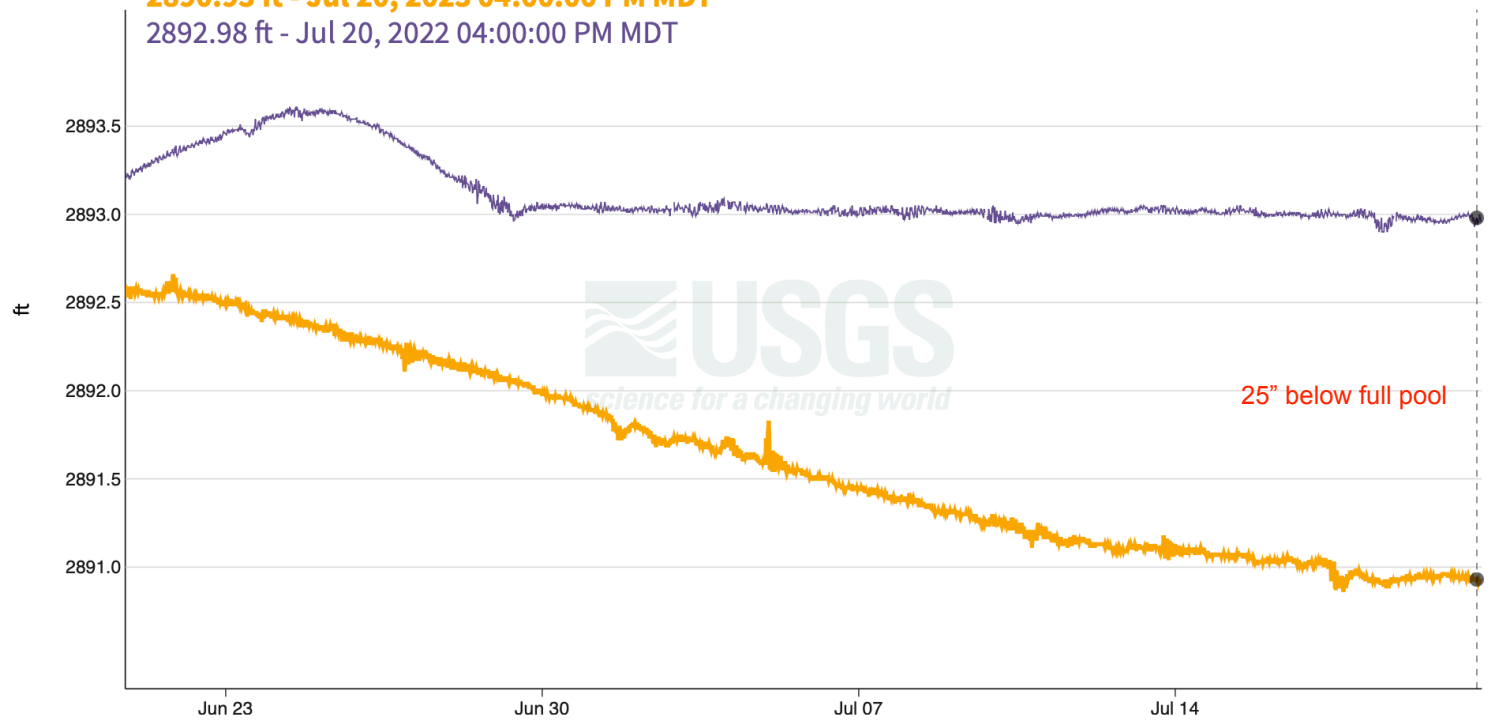
# Flathead Lake at Polson MT - 12371550

June 20, 2023 - July 20, 2023

Elevation of reservoir water surface above datum, ft ⓘ

2890.93 ft - Jul 20, 2023 04:00:00 PM MDT

2892.98 ft - Jul 20, 2022 04:00:00 PM MDT



Show legend ▾





○ 7 days ● 30 days ○ 1 year

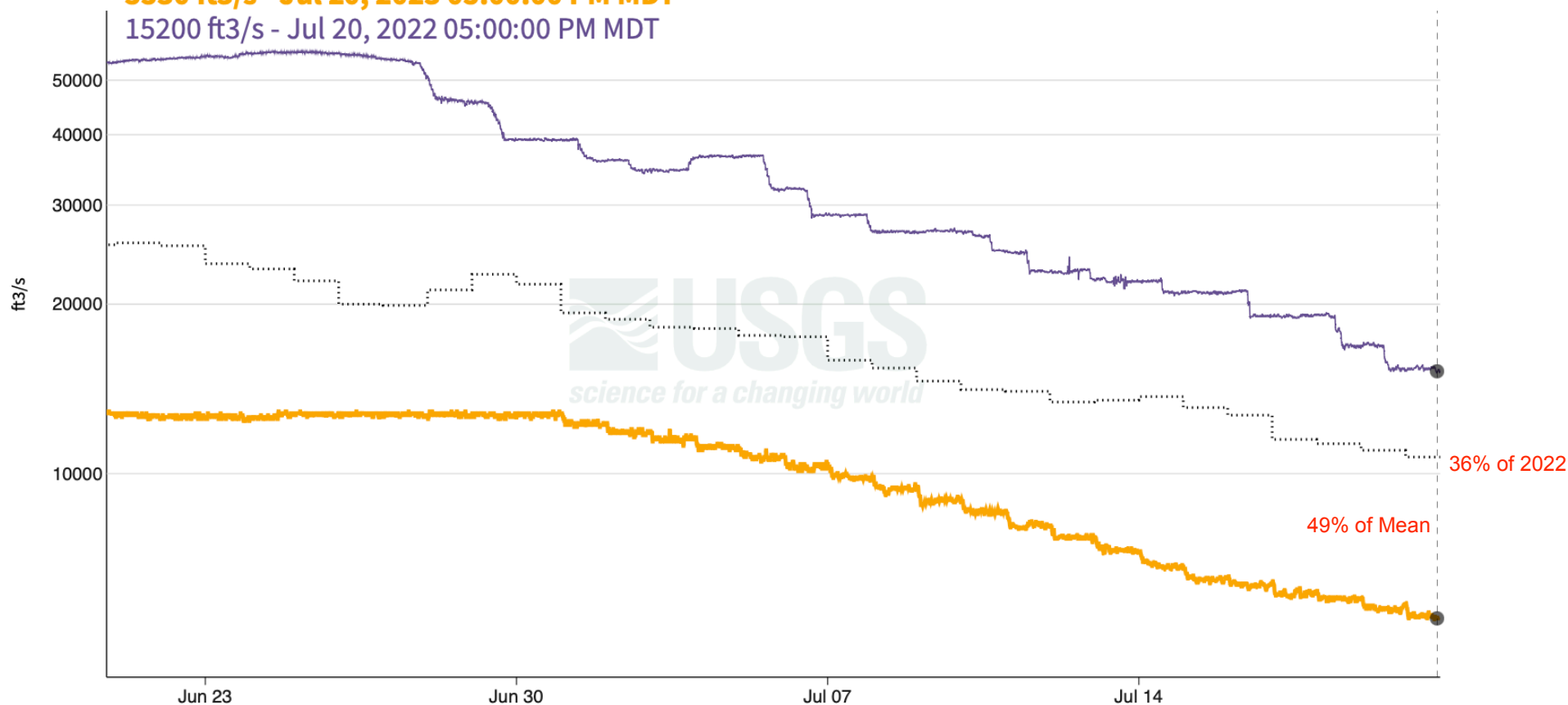
# Flathead River Near Polson MT - 12372000

June 20, 2023 - July 20, 2023

Streamflow, ft<sup>3</sup>/s ⓘ

5530 ft<sup>3</sup>/s - Jul 20, 2023 05:00:00 PM MDT

15200 ft<sup>3</sup>/s - Jul 20, 2022 05:00:00 PM MDT





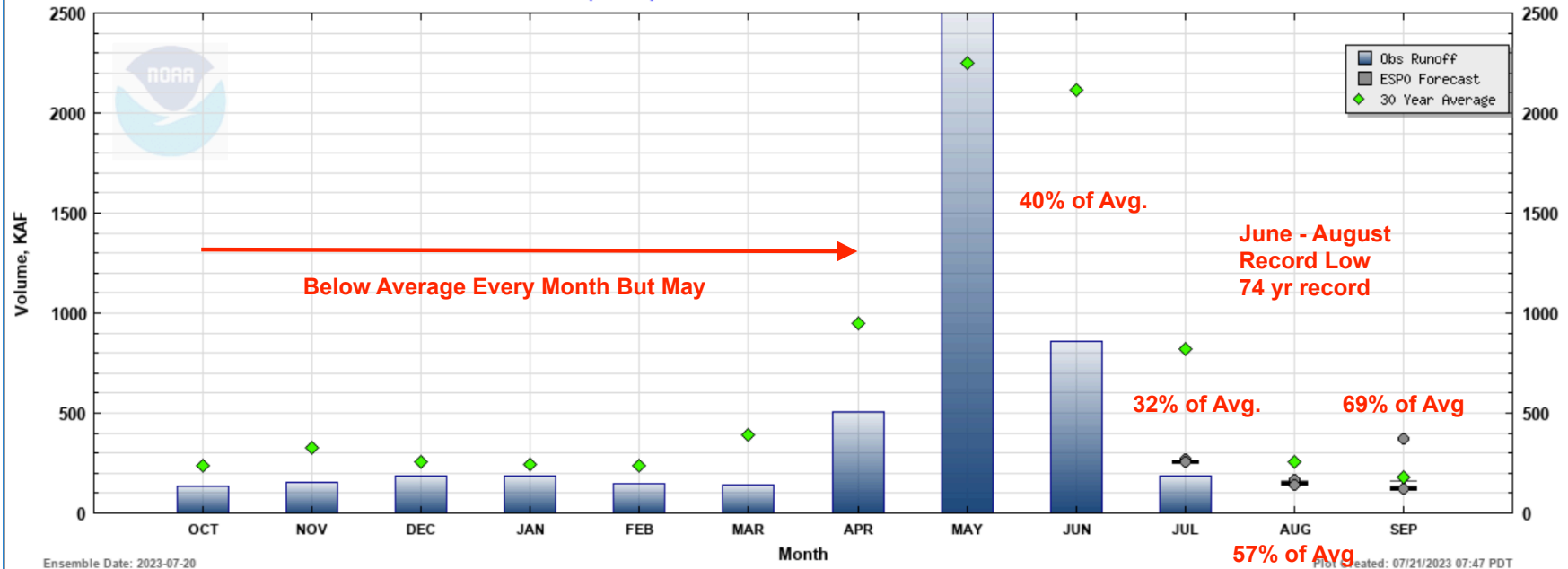
[Home](#)[Close](#)[Seasonal Forecasts](#)

Choose Date:

[Next Water Year](#)

## Water Supply Volume Monthly Forecasts (ESP0) for Water Year 2023

(KERM8) FLATHEAD - SELI'S KSANKA QLISPE' DAM



Ensemble Date: 2023-07-20

File Created: 07/21/2023 07:47 PDT

FLATHEAD - SELI'S KSANKA QLISPE' DAM  
Forecasts For Water Year 2023

## Official Water Supply

ESP with 10 days QPF

Ensemble: 2023-07-20 Issued: 2023-07-20

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\* Partial Monthly TotalFLATHEAD - SELI'S KSANKA QLISPE' DAM  
Forecasts For Water Year 2023

## Experimental Water Supply

HEFS with 15 days EQPF

Ensemble: 2023-07-20 Issued: 2023-07-20

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Forecasts For Water Year 2023

## Reference

ESP with 0 days QPF

Ensemble: 2023-07-20 Issued: 2023-07-20

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